

Title (en)

A swingable and speedable freewheeled vehicle

Title (de)

Schwenkbares und beschleunigbares freilaufendes Fahrzeug

Title (fr)

Véhicule à roue libre pivotant et propulsable

Publication

**EP 2338774 B1 20120516 (EN)**

Application

**EP 09180704 A 20091223**

Priority

EP 09180704 A 20091223

Abstract (en)

[origin: EP2338774A1] A swingable and speedable freewheeled vehicle (3) includes a swingable device (4) installed between a frame (31) and each rear wheel (35). The swingable device (4) has a guiding track (41) fixed to a seated member (313), a spindle (42) pivoted on the seated member (313), and a sliding assembly (43) for sliding along the guiding track (41) . Thereby, while driving the freewheeled vehicle (3) via swinging, a sliding stem (431) of the sliding assembly (43) would slide along the guiding track (41) and be subject to an inertial force. Accordingly, a distance between the ground and the frame (31) would be varied commensurately with the freewheeled vehicle (3) moving along with the inertia force during the sliding so as to readily and speedily motivate the freewheeled vehicle (3) forwards.

IPC 8 full level

**B62K 3/00** (2006.01); **B62K 5/00** (2006.01)

CPC (source: EP)

**B62K 3/002** (2013.01); **B62K 5/00** (2013.01); **B62K 13/00** (2013.01)

Cited by

CN106741423A; CN104691677A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**EP 2338774 A1 20110629; EP 2338774 B1 20120516**

DOCDB simple family (application)

**EP 09180704 A 20091223**